

Patent- og
Varemærkestyrelsen
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Weather resistant sealing band forming e.g. under-tile roofing felt on pitched roof - comprises nylon with added copolymer improving tear resistance, with specific water vapour resistance properties, UV inhibition and fibre reinforcement

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Number of Countries: 001 Number of Patents: 002

Patent Family:

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Priority Applications (No Type Date): DE 1053437 A 19961220

Abstract (Basic): DE 19653437 A

A weather sealing band used in building construction, especially on pitched roofs as an under-tile roofing felt, is novel in comprising a polyamide sheet. Its mean vapour diffusion resistance is expressed as an air layer equivalent diffusion thickness of 0.1- 0.5 m.

Preferably the actual sheet thickness is 20-250 μ m, especially 50-150 μ m. The polyamide is PA6 or PA6.6. It is thermally stabilised and may be mixed with a copolymer. UV stabilisation is included, together with fibre reinforcement.

USE -Used as a nylon weather sealing band for external use, especially as an under-tile roofing felt on pitched roofs.

ADVANTAGE - The band has improved water (vapour) resistance under a variety of climatic conditions. It can be produced by an extrusion process. Incorporation of a copolymer inhibits tear propagation. The UV inhibitor can be simply carbon black. Glass or plastic fibres are usefully incorporated for reinforcement.

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Title Terms: WEATHER; RESISTANCE; SEAL; BAND; FORMING; TILE; ROOF; FELT; PITCHED; ROOF; COMPRISE; NYLON; ADD; COPOLYMER; IMPROVE; TEAR; RESISTANCE; SPECIFIC; WATER; VAPOUR; RESISTANCE; PROPERTIES; ULTRAVIOLET; INHIBIT; FIBRE; REINFORCED

Derwent Class: A23; A93; Q45; Q46

International Patent Class (Main): E04G-021/24

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File Segment: CPI; EngPI

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A12-S08D

Polymer Indexing (PS):

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C01 018; P0646 P1934 P0635 F70 D01 D11 D10 D50 D86; S9999 S1649-R

C02 018; P0691 P1934 P0635 F70 D01 D11 D10 D50 D92 E13 E00; S9999 S1649-R

C03 018; H0011-R

C04 018; ND01; K9745-R; Q9999 Q6860 Q6826; N9999 N5970-R; B9999 B5243-R B4740; B9999 B4717 B4706 B4568; B9999 B4864 B4853 B4740; B9999 B4182 B4091 B3838 B3747

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005 018; G2891 D00 Si 4A; A999 A419; S9999 S1070-R
006 018; R05085 D00 D09 C- 4A; A999 A544 A486; S9999 S1514 S1456; K9869
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ABSTRACT:

CHG DATE=19990617 STATUS=O>A weather sealing band used in building construction, especially on pitched roofs as an under-tile roofing felt, is novel in comprising a polyamide sheet. Its mean vapour diffusion resistance is expressed as an air layer equivalent diffusion thickness of 0.1- 0.5 m. Preferably the actual sheet thickness is 20-250 μ m, especially 50-150 μ m.

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